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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/825,795
		Filing Date	13 April 2004
		First Named Inventor	Jun Li
		Art Unit	3753-3744
		Examiner Name	Teresa J. Walberg
Sheet 1	of 3	Attorney Docket Number	ARC-15173-1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/T.W./		US- 2002/0145194	10/10/2002	O'Connor, et al.	257/712
/T.W./		US- 2003/0111333	06/03/2003	Montgomery, et al.	204/161
/T.W./		US- 2003/0117770	06/26/2003	Montgomery, et al.	361/687
/T.W./		US- 2003/0189202	10/09/2003	Li, et al.	257/141
/T.W./		US- 2003/0231471	12/18/2003	De Lorenzo, et al.	361/719
/T.W./		US- 2004/0013598	01/22/2004	McElrath, et al.	423/417.2
/T.W./		US- 2004/0099208	05/27/2004	Kang, et al.	17/184
/T.W./		US- 2004/0150311	08/04/2004	Jin, Sungho	313/109
/T.W./		US- 2004/0152240	08/05/2004	Dangelo	433/122
/T.W./		US- 2004/0250753	12/16/2004	Kang, et al.	11/1092
/T.W./		US- 2005/0046017	03/03/2005	Dangelo	25/1720
/T.W./		US- 6,231,744	05/15/2001	Ying, et al.	20/324
/T.W./		US- 6,359,288	03/19/2003	Ying, et al.	25/114
/T.W./		US- 6,407,922	06/18/2002	Eckblad, et al.	361/704
/T.W./		US- 6,432,740	8/13/2002	Chen	468/99
/T.W./		US- 6,538,367	03/25/2003	Choi, et al.	313/109
/T.W./		US- 6,803,260	10/12/2004	Shin, et al.	438/142
/T.W./		US- 6,831,017	12/14/2004	Li, et al.	438/694
/T.W./		US- 6,956,016	02/15/2005	Searls, et al.	510/296

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/T.W./		WO/2003/054958	07/03/2003	Intel		
/T.W./		EP 1329953	08/03/2003	Intel		
/T.W./		WO/2003/072679	09/04/2003	Carbon Nanotechnologies		
/T.W./		WO/2003/107419	12/24/2003	Intel		

Examiner Signature	/Teresa Walberg/	Date Considered	05/02/2007
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Sheet	2	of	3
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Complete if Known

Application Number	10/825,795
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First Named Inventor	Jun Li
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Examiner Name	Teresa J. Walberg
Attorney Docket Number	ARC-15173-1

U. S. PATENT DOCUMENTS

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[illegible]

**Examiner
Signature**

/Teresa Walberg/

Date Considered

05/02/2007

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Examiner Name	Teresa J. Walberg
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Sheet

3

of

3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/T.W./		L. DELZEIT, et al, "Directed Growth of Single-Walled Carbon Nanotubes" International Journal of Nanoscience, 2002, vol. 1, nos. 3 & 4, 197-204, World Scientific Publishing Co.	
/T.W./		H. HWANG, et al, "Simulations and Experiments of Etching of Silicon in HBr Plasmas for High Aspect Ratio Features," J. Vac. Sci. Technol., 2002, 2199, vol. B 20, Amer Vac Soc.	
/T.W./		B. WEI, R. VAJTAI, and P. AJAYAN, "Reliability and Current Carrying Capacity of Carbon Nanotubes," Applied Physics Letters, 08/20/2001, 1172-1174, vol. 79, no. 8, AIP.	
/T.W./		A. URAL, et al, "Electric-Field-Aligned Growth of Single-Walled Carbon Nanotubes on Surfaces," Applied Physics Letters, 10/28/2002, 3464-3466, vol. 81, no. 18, AIP.	

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